



Express Mail No.: EV913329364US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shoemaker *et al.*

Confirmation No.: 5273

Application No.: 10/813,506

Group Art Unit: 1637

Filed: March 29, 2004

Examiner: Staples, Mark

For: GENE DISCOVERY USING
MICROARRAYS

Attorney Docket No.: 9301-235-999

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56 AND §1.97

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 and §1.97 to inform the United States Patent and Trademark Office ("USPTO") of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to references A01-A49, B01-B31 and C01-C96 listed on the attached form entitled "List of References Cited by Applicants."

The above-identified application is a divisional of U.S. patent application Serial No. 09/781,814, filed February 12, 2001, now U.S. Patent No. 6,713,257. References A01-A49, B01-B02, B04-B31 and C01-C96 are either U.S. patents or published applications, or were submitted to or cited by the Patent Office in connection with patent application Serial No. 09/781,814, to which the instant application claims priority pursuant to 35 U.S.C. § 120. Accordingly, pursuant to 37 C.F.R. §1.98, copies of these references need not be supplied. A legible copy of reference B03 is submitted herewith.

Identification of the listed references is not meant to be construed as an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. §1.97(b), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is believed to be due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Jones Day deposit account no. 50-3013. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

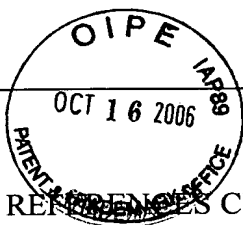
Date: October 16, 2006

by
Adriane M. Antler 32,605
Adriane M. Antler (Reg. No.)

JONES DAY
222 East 41st Street
New York, New York 10017-6702
(212) 326-3939

William Wang
Ref. No. 47,164

Enclosure



LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-235-999	APPLICATION NO. 10/813,506
	APPLICANT Shoemaker et al.	
	FILING DATE March 29, 2004	ART UNIT 1637

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
	A01	5,445,934	08/29/95	Fodor et al.	
	A02	5,510,270	04/23/96	Fodor et al.	
	A03	5,539,083	07/23/96	Cook et al.	
	A04	5,545,522	08/13/96	Van Gelder et al.	
	A05	5,552,270	09/03/96	Khrapko et al.	
	A06	5,556,749	09/17/96	Mitsubishi et al.	
	A07	5,556,752	09/17/96	Lockhart et al.	
	A08	5,569,588	10/29/96	Ashby et al.	
	A09	5,578,832	11/26/96	Trulson et al.	
	A10	5,631,134	05/20/97	Cantor et al.	
	A11	5,716,785	02/10/98	Van Gelder et al.	
	A12	5,723,320	03/03/98	Dehlinger	
	A13	5,744,305	04/28/98	Fodor et al.	
	A14	5,837,832	11/17/98	Chee et al.	
	A15	5,843,767	12/01/98	Beattie	
	A16	5,856,103	01/05/99	Gray et al.	
	A17	5,891,636	04/06/99	Van Gelder et al.	
	A18	5,935,793	08/10/99	Wong	
	A19	5,965,352	10/12/99	Stoughton and Friend	
	A20	5,972,619	10/26/99	Crkvenjakov	
	A21	5,981,176	11/09/99	Wallace	
	A22	5,981,190	11/09/99	Israel	
	A23	6,007,987	12/28/99	Cantor et al.	
	A24	6,027,880	02/22/00	Cronin et al.	
	A25	6,028,189	02/22/00	Blanchard	
	A26	6,040,138	03/21/00	Lockhart et al.	
	A27	6,045,996	04/04/00	Cronin et al.	
	A28	6,057,111	05/02/00	Deiss et al.	
	A29	6,110,676	08/29/00	Coull et al.	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-235-999	APPLICATION NO. 10/813,506
	APPLICANT Shoemaker et al.	
	FILING DATE March 29, 2004	ART UNIT 1637

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
	A30	6,132,969	10/17/00	Stoughton	
	A31	6,146,830	11/14/00	Friend et al.	
	A32	6,156,502	12/05/00	Beattie	
	A33	6,203,987	03/20/01	Friend et al.	
	A34	6,218,122	04/17/01	Friend et al.	
	A35	6,222,093	04/24/01	Marton et al.	
	A36	6,271,002	08/07/01	Linsley et al.	
	A37	6,324,479	11/27/01	Friend et al.	
	A38	60/180,312	02/04/00	Penn et al.	
	A39	60/199,484	04/25/00	Balaban	
	A40	60/208,794	06/01/00	Balaban	
	A41	6,713,527	03/30/04	Shoemaker et al.	
	A42	6,950,752	09/27/05	Friend et al.	
	A43	6,801,859	10/05/04	Friend et al.	
	A44	6,351,712	02/26/02	Stoughton et al.	
	A45	7,013,221	03/14/06	Friend et al.	
	A46	09/608,408	06/30/00	Penn et al.	
	A47	09/632,366	09/02/00	Penn et al.	
	A48	US 2002/0048763 A1	04/25/02	Penn et al.	
	A49	US 2002/0081590 A1	06/27/02	Penn et al.	

FOREIGN PATENT DOCUMENTS

		FOREIGN PATENT DOCUMENT COUNTRY CODE, NUMBER, KIND CODE (IF KNOWN)	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
	B01	WO 00/24936	05/04/00	Rosetta Inpharmatics, Inc.		
	B02	WO 01/05935	01/25/01	Rosetta Inpharmatics, Inc.		
	B03	WO 01/06013	01/25/01	Rosetta Inpharmatics, Inc.		
	B04	WO 01/57252	08/09/01	Aeomica, Inc.		
	B05	WO 01/57251	08/09/01	Aeomica, Inc.		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-235-999	APPLICATION NO. 10/813,506
	APPLICANT Shoemaker et al.	
	FILING DATE March 29, 2004	ART UNIT 1637

FOREIGN PATENT DOCUMENTS

		FOREIGN PATENT DOCUMENT COUNTRY CODE, NUMBER, KIND CODE (IF KNOWN)	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
	B06	WO 01/81632	11/1/01	Affymetrix, Inc.		
	B07	WO 00/79006	12/28/00	Fred Hutchinson Cancer Research Center		
	B08	WO 00/77261	12/21/00	The Rockefeller University		
	B09	WO 00/65088	11/02/00	Amersham Pharmacia Biotech AB		
	B10	WO 00/56929	09/28/00	Cornell Research Foundation, Inc.		
	B11	WO 00/53811	09/14/00	Orion Genomics, LLC		
	B12	WO 00/47767	08/17/00	AstraZeneca AB		
	B13	WO 00/47766	08/17/00	AstraZeneca AB		
	B14	WO 00/43942	07/27/00	Combimatrix Corporation		
	B15	WO 00/39339	7/6/00	Rosetta Inpharmatics, Inc.		
	B16	WO 00/39336	07/06/00	Rosetta Inpharmatics, Inc.		
	B17	WO 00/34523	06/15/00	Hyseq, Inc.		
	B18	WO 00/05414	02/03/00	Rutgers, The State University		
	B19	WO 99/66067	12/23/99	Rosetta Inpharmatics, Inc.		
	B20	WO 99/59037	11/18/99	Rosetta Inpharmatics, Inc.		
	B21	WO 99/58708	11/18/99	Rosetta Inpharmatics, Inc.		
	B22	WO 99/57322	11/11/99	Axys Pharmaceuticals, Inc.		
	B23	WO 99/57315	11/11/99	Isis Innovation Limited		
	B24	WO 99/43848	09/02/99	The University of British Columbia		
	B25	WO 99/34004	07/08/99	Chiron Corporation		
	B26	WO 99/28506	06/10/99	Gene Logic		
	B27	WO 99/23256	5/14/99	Cold Spring Harbor Laboratory		
	B28	WO 99/19357	04/22/99	President and Fellows of Harvard College		
	B29	WO 99/09164	02/22/99	Oncormed, Inc.		
	B30	WO 98/38329	09/03/98	Fred Hutchinson Cancer Research Center		
	B31	WO 98/12354	03/26/98	Affymetrix, Inc.		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-235-999	APPLICATION NO. 10/813,506
	APPLICANT Shoemaker et al.	
	FILING DATE March 29, 2004	ART UNIT 1637

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C01	ADAMS et al., 1991, "Complementary DNA sequencing: expressed sequence tags and human genome project," Science 252(5013):1651-6	
	C02	AHRENDT, 1999, "Rapid p53 sequence analysis in primary lung cancer using an oligonucleotide probe array," Proc. Natl. Acad. Sci. U. S. A. 96(13):7382-7	
	C03	ALON, 1999, "Broad patterns of gene expression revealed by clustering analysis of tumor and normal colon tissues probed by oligonucleotide arrays," Proc. Natl. Acad. Sci. U. S. A. 96(12):6745-50	
	C04	ALTSCHUL et al., 1990, "Basic local alignment search tool," J. Mol. Biol. 215(3):403-10	
	C05	BELL et al., 1998, "Influence of intron length on alternative splicing of CD44," Mol. Cell. Biol. 18: 5930-5941	
	C06	BLANCHARD et al., 1999, "Cheap DNA arrays it's not all smoke and mirrors," Nature Biotech. 17(10):953	
	C07	BLANCHARD et al., 1996, "Sequence to array: probing the genome's secrets, Nat Biotechnol. 14(13):1649	
	C08	BLANCHARD, 1998, "Synthetic DNA arrays," Genet. Eng. (N. Y.) 20:111-23	
	C09	BONALDO et al., 1996, "Normalization and subtraction: two approaches to facilitate gene discovery," Genome Res. 6(9):791-806	
	C10	BRETT et al., 2000, "EST comparison indicates 38% of human mRNAs contain possible alternative splice forms," FEBS Lett. 474(1):83-6	
	C11	BUGAWAN et al., 1990, "Rapid HLA-DPB typing using enzymatically amplified DNA and nonradioactive sequence specific oligonucleotide probes," Immunogenetics 32: 231-241	
	C12	BUGAWAN et al., 1994, "A method for typing polymorphism at the HLA A locus using PCR amplification and immobilized oligonucleotide probes," Tissue Antigens 44(3):137-47	
	C13	BURSET M, 1996, "Evaluation of gene structure prediction programs," Genomics 34(3):353-67	
	C14	CACERES et al., 1994, "Regulation of alternative splicing in vivo by overexpression of antagonistic splicing factors," Science 265(5179):1706-9	
	C15	CAUDEVILLA C, 1998, "Natural trans splicing in carnitine octanoyltransferase pre mRNAs in rat liver," Proc. Natl. Acad. Sci. U. S. A. 95(21):12185-90	
	C16	Chetverin and Kramer, 1994, "Oligonucleotide arrays: new concepts and possibilities," Biotech. (N Y) 12(11):1093-9	
	C17	CHIRGWIN et al., 1979, "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease," Biochem. 18(24):5294-9	
	C18	CHOI et al., 2000, "The structure and expression of the murine wildtype p53 induced phosphatase 1 (Wip1) gene," Genomics 64(3):298-306.	
	C19	CHUTKOW et al., 1999, "Alternative splicing of sur2 Exon 17 regulates nucleotide sensitivity of the ATP sensitive potassium channel," J. Biol. Chem. 274(19):13656-65	
	C20	CLAVERIE et al., 1999, "Computational methods for the identification of differential and coordinated gene expression," Hum. Mol. Genet. 8(10):1821-32	
	C21	CRONIN et al., 1996, "Cystic fibrosis mutation detection by hybridization to light generated DNA probe arrays," Hum. Mutat. 7(3):244-55	
	C22	DERISI et al., 1996, "Use of a cDNA microarray to analyse gene expression patterns in human cancer," Nature Genet. 14(4):457-60	
	C23	DUGGAN et al., 1999, "Expression profiling using cDNA microarrays," Nat Genet. 1999 Jan;21(1 Suppl):10-4	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NYJD-1640035v1

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-235-999	APPLICATION NO. 10/813,506
	APPLICANT Shoemaker et al.	
	FILING DATE March 29, 2004	ART UNIT 1637

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C24	DUNHAM et al., 1999, "The DNA sequence of human chromosome 22," Nature 402(6761):489-95	
	C25	EGHOLM et al., 1993, "PNA hybridizes to complementary oligonucleotides obeying the Watson Crick hydrogen bonding rules," Nature 363:566-568	
	C26	EWING et al., 2000, "Analysis of expressed sequence tags indicates 35,000 human genes," Nat Genet. 25(2):232-4	
	C27	FERGUSON et al., 1996, "A fiber optic DNA biosensor microarray for the analysis of gene expression," Nature Biotech. 14(13):1681-4.	
	C28	FISHER et al., 1993, "Occurrence of a 2 bp (AT) deletion allele and a nonsense (G to T) mutant allele at the E2 (DBT) locus of six patients with maple syrup urine disease: multiple exon skipping as a secondary effect of the mutations," Am. J. Hum. Genet. 52(2):414-24	
	C29	FODOR et al., 1991, "Light directed, spatially addressable parallel chemical synthesis," Science 251(4995):767-73	
	C30	FRIEND et al., 1986, "A human DNA segment with properties of the gene that predisposes to retinoblastoma and osteosarcoma," Nature 323(6089):643-6	
	C31	FROEHLER et al., 1986, "Synthesis of DNA via deoxynucleoside H phosphonate intermediates," Nucleic Acids Res. 14(13):5399-407	
	C32	Genbank Accession No. L11910	
	C33	Genbank Accession No. AF005058	
	C34	GRACIA et al., 1997, "Isolation of chromosome specific ESTs by microdissection mediated cDNA capture," Genome Res. 7(2):100-7	
	C35	GUIGO et al., 1992, "Prediction of gene structure," J. Mol. Biol. Jul 5;226(1):141-57	
	C36	GUSELLA et al., 1983, "A polymorphic DNA marker genetically linked to Huntington's disease," Nature 306(5940):234-8	
	C37	HACIA et al., 1998, "Strategies for mutational analysis of the large multiexon ATM gene using high density oligonucleotide arrays," Genome Res. 8(12):1245-58	
	C38	HARDISON et al., 1997, "Long human mouse sequence alignments reveal novel regulatory elements: a reason to sequence the mouse genome," Genome Res. 7(10):959-66	
	C39	HERBERT et al., 1999, "RNA processing and the evolution of eukaryotes," Nature Genet. 21(3):265-9	
	C40	HUGHES et al., 2000, "Functional discovery via a compendium of expression profiles," Cell 102(1):109-26	
	C41	HUTCHINSON et al., 1992, "The prediction of exons through an analysis of spliceable open reading frames," Nucleic Acids Res. 20(13):3453-62	
	C42	JAIN, 2000, "Biotechnological Applications of Lab-Chips and Microarrays," Trends Biotech. 18(7):278-80	
	C43	JURKA et al., 1998, "Repeats in genomic DNA: mining and meaning," Curr. Opin. Struct. Biol. 8(3):333-7	
	C44	KAMB et al., 1994, "Analysis of the p16 gene (CDKN2) as a candidate for the chromosome 9p melanoma susceptibility locus," Nature Genet. 8(1):23-6	
	C45	KHAN et al., 1998, "Gene expression profiling of alveolar rhabdomyosarcoma with cDNA microarrays," Cancer Res. 58(22):5009-13	
	C46	KOENIGSBERGER et al., 2000, "Differential regulation by multiple promoters of the gene encoding the neuron restrictive silencer factor," Proc. Natl. Acad. Sci. U. S. A. 97(5):2291-6	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NYJD-1640035v1

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	9301-235-999	10/813,506
	APPLICANT	
	Shoemaker et al.	
	FILING DATE	ART UNIT
	March 29, 2004	1637

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C47	KRUGLYAK et al., 1999, "Prospects for whole genome linkage disequilibrium mapping of common disease genes," Nature Genet. 22(2):139-44	
	C48	LASHKARI et al., 1997 "Yeast Microarrays for Genome Wide Parallel Genetic and Gene Expression Analysis," Proc. Natl. Acad. Sci. USA 94:13057-62	
	C49	LEHMAN et al., 2000, "Elevated frequency and functional activity of a specific germ line p53 intron mutation in familial breast cancer," Cancer Res. 60(4):1062- 9	
	C50	LIPSHUTZ et al., 1999, "High density synthetic oligonucleotide arrays," Nature Genet. 21(1 Suppl):20 4	
	C51	LIPSHUTZ et al., 1995, "Using Oligonucleotide Probe Arrays to Access Genetic Diversity," BioTechniques 19(3):442-447	
	C52	LOCKHART et al., 1996, "Expression monitoring by hybridization to high density oligonucleotide arrays," Nature Biotech. 14(13):1675-80	
	C53	MALDONADO RODRIGUEZ et al., 1999, "Hybridization of glass tethered oligonucleotide probes to target strands preannealed with labeled auxiliary oligonucleotides," Mol. Biotechnol. 11(1):1-12	
	C54	MARTON, 1998, "Drug target validation and identification of secondary drug target effects using DNA microarrays," Nature Med. 4(11):1293-301	
	C55	MASKOS et al., 1992, "Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotide synthesis and hybridization properties of oligonucleotides synthesized in situ," Nucleic Acids Res. 20(7):1679-84	
	C56	MCBRIDE et al., 1983, "An investigation of several deoxynucleoside phosphoramidites useful for synthesizing deoxyoligonucleotides," Tetrahedron Lett. 24:245-248	
	C57	MILNER et al., 1997, "Selecting effective antisense reagents on combinatorial oligonucleotide arrays," Nature Biotech. 15(6):537-41	
	C58	NADAL-GINARD et al., 1991, "Alternative Splicing is an Efficient Mechanism for the Generation of Protein Diversity: Contractile Protein Genes as a Model System," Adv. Enzyme Regul. 26:1-285	
	C59	NGUYEN et al., 1995, "Differential gene expression in the murine thymus assayed by quantitative hybridization of arrayed cDNA clones," Genomics 29(1):207-16	
	C60	OHSHIMA et al., 1987, "Signals for the selection of a splice site in pre mRNA: Computer analysis of splice junction sequences and like sequences," J. Mol. Biol. 195(2):247-59	
	C61	OKAMOTO et al., 2000, "Microarray fabrication with covalent attachment of DNA using bubble jet technology," Nature Biotech. 18(4):438-41	
	C62	PAN et al., 2000, "Sok2 regulates yeast pseudohyphal differentiation via a transcription factor cascade that regulates cell-cell adhesion," Mol. Cell. Biol. 22(11):8364-8372	
	C63	PARIMOO et al., 1991, "cDNA selection: efficient PCR approach for the selection of cDNAs encoded in large chromosomal DNA fragments," Proc. Natl. Acad. Sci. U. S. A. 88(21):9623-7	
	C64	PEASE et al., 1994, "Light generated oligonucleotide arrays for rapid DNA sequence analysis," Proc. Natl. Acad. Sci. U. S. A. 91(11):5022-6	
	C65	PENN et al., 2000, "Mining the human genome using microarrays of open reading frames," Nature Genet. 26(3):315-8	
	C66	POLLACK et al., 1999, "Genome wide analysis of DNA copy number changes using cDNA microarrays," Nature Genet. 23(1):41-6	
	C67	POTTER, 1986, "A 'Southern Cross' method for the analysis of genome organization and the localization of transcription units," Gene 48(2 3):229-39	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-235-999	APPLICATION NO. 10/813,506
	APPLICANT Shoemaker et al.	
	FILING DATE March 29, 2004	ART UNIT 1637

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C68	REESE et al., 2000, "Genome annotation assessment in Drosophila melanogaster," Genome Res. 10(4):483-501	
	C69	REYES et al., 1991, "At least 27 alternatively spliced forms of the neural cell adhesion molecule mRNA are expressed during rat heart development," Mol. Cell. Biol. 11(3):1654-61	
	C70	RICHMOND et al., 1999, "Genome wide expression profiling in Escherichia coli K 12," Nucleic Acids Res. 27(19):3821-35	
	C71	ROEST et al., 2000, "Estimate of human gene number provided by genome wide analysis using Tetraodon nigroviridis DNA sequence," Nature Genet. 25(2):235-8	
	C72	ROGOZIN et al., 1999, "Protein coding regions prediction combining similarity searches and conservative evolutionary properties of protein coding sequences," Gene 226(1):129-37	
	C73	ROSS et al., 2000, "Systematic variation in gene expression patterns in human cancer cell lines," Nature Genet. 24(3):227-35	
	C74	SCHENA et al., 1996, "Parallel human genome analysis: microarray based expression monitoring of 1000 genes," Proc. Natl. Acad. Sci. U. S. A. 93(20):10614-9	
	C75	SCHENA et al., 1995, "Quantitative monitoring of gene expression patterns with a complementary DNA microarray," Science 270(5235):467-70	
	C76	SELINGER et al., 2000, "RNA expression analysis using a 30 base pair resolution Escherichia coli genome array," Nature Biotech. 18(12):1262-8	
	C77	SHALON et al., 1996, "A DNA microarray system for analyzing complex DNA samples using two color fluorescent probe hybridization," Genome Res. 6(7):639-45	
	C78	SNYDER et al., 1993, "Identification of coding regions in genomic DNA sequences: an application of dynamic programming and neural networks," Nucleic Acids Res. 21(3):607-13	
	C79	SOLOVYEV et al., 1994, "Predicting internal exons by oligonucleotide composition and discriminant analysis of spliceable open reading frames," Nucleic Acids Res. 22(24):5156-63	
	C80	STARK et al., 1999, "The relative strengths of SR protein mediated associations of alternative and constitutive exons can influence alternative splicing," J. Biol. Chem. 274(42):29838-42	
	C81	STEPHAN et al., 2000, "Positional cloning utilizing genomic DNA microarrays: the Niemann Pick type C gene as a model system," Mol. Genet. Metab. 70(1):10-18	
	C82	STICKLER et al., 1999, "Stage specific changes in SR splicing factors and alternative splicing in mammary tumorigenesis," Oncogene 18(24):3574-82	
	C83	STRAUSBERG et al., 1999, "The mammalian gene collection," Science 286(5439):455-7	
	C84	TAKAHASHI et al., 2000, "Detection of aberrations of 17p and p53 gene in gastrointestinal cancers by dual (two color) fluorescence in situ hybridization and GeneChip p53 assay," Cancer Genet. Cytogenet. 121(1):38-43	
	C85	TOGUHIDA et al., 1993, "Complete genomic sequence of the human retinoblastoma susceptibility gene," Genomics 17(3):535-43	
	C86	UBERBACHER and Mural RJ, 1991, "Locating protein coding regions in human DNA sequences by a multiple sensor neural network approach," Proc. Natl. Acad. Sci. U. S. A. 88(24):11261-5	
	C87	USUKA et al., 2000, "Gene structure prediction by spliced alignment of genomic DNA with protein sequences: increased accuracy by differential splice site scoring," J Mol Biol. 297(5):1075-85	
	C88	VELCULESCU et al., 1995, "Serial analysis of gene expression," Science 270(5235):484-7	
	C89	VIGLIANTI et al., 1990, "Simian immunodeficiency virus displays complex patterns of RNA splicing," J. Virol. 64(9):4207-16	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	9301-235-999	10/813,506
	APPLICANT	
	Shoemaker et al.	
	FILING DATE	ART UNIT
	March 29, 2004	1637

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C90	WANG et al., 1998, "Large scale identification, mapping, and genotyping of single nucleotide polymorphisms in the human genome," Science 280(5366):1077-82	
	C91	WEGNER et al., 1998, "Genomic organization and functional characterization of the chemokine receptor CXCR4, a major entry co receptor for human immunodeficiency virus type 1," J. Biol. Chem. 273(8):4754-60	
	C92	WERNER et al., 2001, "Target gene identification from expression array data by promoter analysis," Biomol. Eng. 17(3):87-94	
	C93	WINZELER et al., 1998, "Direct allelic variation scanning of the yeast genome," Science. 281(5380):1194-7	
	C94	www.ncbi.nlm.nih.gov/Unigene	
	C95	YAMANAKA et al., 1997, "CCAAT/enhancer binding protein epsilon is preferentially up regulated during granulocytic differentiation and its functional versatility is determined by alternative use of promoters and differential splicing," Proc. Natl. Acad. Sci. U. S. A. 94(12):6462-7	
	C96	ZHANG MQ, 1998, "Statistical features of human exons and their flanking regions," Hum. Mol. Genet. 7(5):919-32	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NYJD-1640035v1